Instructor:	Tam Cheetham-West	**Time:**	MWF 8:30 am - 9:25 am
Office:	Zoom (ID: On Canvas)	**Classroom:**	Zoom (ID: On Canvas)
Email:	tcw@rice.edu	**Office Hours:**	TTh 12 noon - 1 pm
Class Webpage: TBA			W 4 pm - 5 pm

Textbook: OpenStax Calculus Volume 3. https://openstax.org/details/books/calculus-volume-3

Learning objectives: In this class you will learn how to do calculus on functions of more than one variable, building on previous knowledge of Single Variable Calculus. There will be a focus on developing intuition for the concepts using pictures and examples. This course will follow Chapters 2 through 6 of the OpenStax Calculus Volume 3 textbook which is freely available online at the link given above.

Daily Assignments: Short assignments will be given via **WebWork** after each class day. Their purpose is to help you practice the concepts covered in class that day. You should do these assignments. These assignments will **not** be pledged. You are encouraged to discuss these problems amongst each other and with me and you are free to get help from any source. Every WebWork assignment will be graded.

There will be a weekly **Written Homework** which will be submitted via Gradescope. My aim is to partially address problems from the Written Homework in lecture so as to encourage students to get a head start on thinking about the problems before lecture, and think through how to do the problems during and after lecture. The intuition, pictures, and examples are all geared towards making sure you can do the problems. The Written Homeworks will be pledged. You are strongly encouraged to share ideas with fellow students and with me. However, you **must** write up your solutions independently; your submission should reflect your personal understanding of the problems and solutions, so that I can give you accurate feedback which you can use to prepare for examinations.

Participation Grade: The participation grade for the class will be determined based on a points system. The maximum number of points for a full participation grade will be 20. For 4 points, a student can post a short summary of one of the lectures on Piazza. For 8 points, a student can post (to Piazza) a picture of a spider diagram (or mind map) for one of the five relevant chapters in the textbook. Consistent semester-long attendance and participation in lectures will earn a student 8 points.

Gradescope: Written Homework and exams will be submitted via Gradescope. Please when submitting, use the available system on Gradescope to assign each response of yours to a particular question (number). Doing this makes grading homework and exams less tedious. After a first notice, the student who doesn't submit to Gradescope in an organized manner may have a few points taken of from the score for that particular Written Homework.

Midterm Exams and Finals: There will be two midterm tests during the semester and a comprehensive final exam. Midterm Exams will take place at 7 - 9 pm CST (or 6 - 8 am CST depending on students' location) on **Thursday, March 4th** and **Tuesday, April 6th**.

Final exam: The final will be released on Canvas sometime on or after May 5th. It will be timed and turned in via Gradescope. **All exams are pledged. Discussing exam questions with other students is prohibited until all students have taken the exam**. Students are expected to adhere to the Honor Code while taking exams. **The Honor Code itself should be written on the first page of every midterm and exam.**

Make-up exams will be allowed only in the case of a documented medical emergency. If an exam conflicts with a holiday you observe, please let me know before the end of the first week of classes.

Grades: The aim in Math 212 is that letter grades should not depend on whether a student's section is an "easy" or "hard" section. To that end, when computing final course grades, a student's exam scores are normalized against exam scores of all students in Math 212 this semester (not just those in this section), while a student's non-exam scores are normalized against the non-exam scores of students in this section. In particular, students should not assume that having higher raw scores on homework than on exams will necessarily increase their final letter grade.

That said, your course grade will be based 75% on the exams (distributed among Midterm 1/Midterm 2/Final in a ratio of 4:4:5, 4:3:6, or 3:4:6, whichever benefits you the most), 15% on the Written Homework, and 5% on the WebWork. The remaining 5% is the participation grade.

Expectations: I encourage you to attend class as much as you are able. Please keep informed of any announcements, syllabus adjustments, or policy changes made during scheduled classes. Students should expect to spend at least an hour per weekday outside of class doing homework and going over the material. Class recordings will be available on Canvas for students' use.

Disability Support: Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All such discussions will remain as confidential as possible. Students with disabilities will need to also contact Disability Support Services in the Allen Center.

Department Commitment: The Department of Mathematics supports an inclusive learning environment where diversity and individual differences are understood, respected, and recognized as a source of strength. Racism, discrimination, harassment, and bullying will not be tolerated. We expect all participants in mathematics courses (students and faculty alike) to treat each other with courtesy and respect, and to adhere to the mathematics department standards of collegiality, respect, and sensitivity (https://math.rice.edu/department-statement-collegiality-respect-and-sensitivity) as well as the Rice Student Code of Conduct. If you think you have experienced or witnessed unprofessional or antagonistic behavior, then the matter should be brought to the attention of the instructor and/or department chair. The Ombudsperson is also available as an intermediate, informal option, and contacting them will not necessarily trigger a formal inquiry.

Title IX Responsible Employee Notification: Rice University cares about your wellbeing and safety. Rice encourages any student who has experienced an incident of harassment, pregnancy discrimination or gender discrimination or relationship, sexual, or other forms interpersonal violence to seek support through The SAFE Office. Students should be aware when seeking support on campus that most employees, including myself, as the instructor/TA, are required by Title IX to disclose all incidents of non-consensual interpersonal behaviors to Title IX professionals on campus who can act to support that student and meet their needs. For more information, please visit safe.rice.edu or email titleixsupport@rice.edu